

(a) whether Bihar Government have to pay a very huge amount to the National Thermal Power Corporation;

(b) if so, the details of the outstanding amount for each of the last three years;

(c) the steps taken by the Union Government for payment of outstanding dues; and

(d) whether the NTTC supplies power to Bihar at higher rates; and

(e) if so, the reason thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) Yes, Sir. Bihar State Electricity Board (BSEB) has to pay an amount of Rs. 253.71 crores plus a surcharge of Rs. 75.02 crores as on end February '92 for supply of power from NTPC stations.

(b) The amounts outstanding for the last three years are as under:—

<i>Outstanding Dues</i>	<i>Surcharge Billed (Rs. Crs.)</i>	<i>(Rs. Crs.)</i>
1.4.89	29.65	3.53
1.4.90	96.01	13.05
1.4.91	137.84	32.36
29.2.92	253.71	75.02

(c) The steps taken for recovery of dues include frequent visits to State Electricity Board and State Government by Senior executives of the NTPC, organising meetings, recovery through Central Appropriation, etc.

(d) No, Sir. For energy supply from Farakka power station of NTPC, the rate applicable to other States of Eastern Region is also being charged to Bihar. For power supply from Northern Region also, NTPC is billing as per the rates prevalent in Northern Region according to the global accounts prepared by Northern Region Electricity Board.

(e) Does not arise.

[English]

#### Hydro Electric Power Project in Karnataka

4141. SHRI RAMCHANDRA VEER-APPA: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether the Government propose to set up Hydro-electric power generation projects in Bidar district in Karnataka to augment the power generation in the State;

(b) if so, the names of project pending for clearance; and

(c) the time by which these are exacted to be cleared?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) No hydro-electric power project is contemplated to be set up in Bidar District of Karnataka, in near future. However, scope for setting up two mini hydel projects has been identified.

(b) and (c). Does not arise.

#### **Power Generation in Eighth Plan**

4142. SHRI BHAGEY GOBARDHAN: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the cost of installation of per Megawatt (MW) of thermal, hydel and atomic power stations, respectively;

(b) the share of thermal, hydel and atomic power in the projected additional capacity of power generation in the Eighth Plan period; and

(c) the sources of funding for the additional capacity of generation, transmission and distribution?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) The information is being collected and will be laid on the Table of the House

(b) and (c). The Eighth Plan has not yet been finalised.

#### **Expenditure Incurred in Generation of Power through NCES in A and N Islands**

4143. SHRI MANORANJAN BHAKTA: Will the Minister of POWER AND NON-

CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total expenditure incurred in the Union Territory of Andaman and Nicobar Island for generating power through non-conventional energy sources as on 31st January, 1992 and the installed capacity of power generation by these projects; and

(b) the actual generation of power for the last one year giving month-wise break-up?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b). In the Union Territory of Andaman & Nicobar Islands, small power generating units based on Solar Photovoltaic, Wind Energy and Biomass energy generation technologies have been installed in different locations in a decentralised way. Installation of 15 small wind battery chargers worth Rs. 4.06 lakh has been taken up of which 9 Machines have so far been installed. 4 nos. of Biomass based gasifiers and Stirling energy of aggregate capacity 14.90 kilowatt (equivalent) have been installed in mechanical and electrical mode at a reported expenditure of Rs. 6.432 lakh. In addition, another 100 kilowatt gasifier system has been installed under a separate R & D Project at a reported expenditure of Rs. 3.70 lakh. About 200 nos. of Solar Photovoltaic Systems of aggregate capacity of about 125 kilowatt have been taken up at different locations for street lighting, community television/ lighting, water pumping and small power generating units. Out of these 17 numbers of small power plants of about 85 kilowatt total capacity are under installation. Solar Photovoltaic modules have been provided by the Department of Non-Conventional Energy Sources and cost of balance of systems and other charges have been met by the Union Territory Administration. Non-conventional energy devices being small in